21	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries Complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory
22	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM Complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory
23	Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.Clause 507 of MORTH V revision as per IRC SP-53-2015 - using 40-60 TPH capacity HMP with mechanical Paver, Gr-II (30-45mm) with 5.4 % of modified bitumen binder consisting of 4.97% VG- 30 bitumen (60/70 grade) 0.43% Plastomeric Thermoplastics (Waste plastic Additive). Complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory
24	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes Complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory
25	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately Complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory

CIVIL Pro
Sig.....
Date.....
BANGALORE

NAME OF WORK:-Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappanagara Colony in Ward No.05

Name of Client : EXECUTIVE ENGINEER, PROJECT DIVISION,BBMP, BANGALORE

Contractor/ Agency: Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78

Tender Contract Price Rs 4,92,16,673.00/-

Date Of Inspection : 01-09-21

Status Of Bill : First & Final Bill

In the Presence of : a) Assistant Engineer, Project Sub division, BBMP, Bangalore
b) R. Karthik Rechan, Partner, M/S CIVIL PRO, BANGALORE

PMC COMPLIANCE REPORT

Sl. No.	Description of work	Comments/Observations
3	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods omplete as per specifications and directions of the Engineer in charge. 5km lead= 57+2.0x1.28x5 =69.80	Work done upto the Billed Quantity and the Quality is satisfactory
6	Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering omplete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory

CIVIL Pro Sig..... Date..... BANGALORE

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

To,

Date: 01-09-2021

ASSISTANT EXECUTIVE ENGINEER
PROJECT SUB DIVISION,
BBMP
BANGALORE

Dear Sir,

Sub: M/s. Civil Pro Services for the work of "**IMPROVEMENTS TO ROADS AND DRAINS AT KATTIGENAHALLI COLONY ,CHOKKANAHALLI COLONY , THIRUMENAHALLI COLONY , JAKKUR COLONY AND BASAVALINGAPPANAGARA COLONY IN WARD NO.05".**

Ref: 1. Work Order No: EE(Project)/Ynk Zone/WO/150/2020-21
2. Job code: 005-21-000025

We are here with forwarding to Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78. First & Final Bill duly verified and certified that the work is satisfactory and for a Gross Value of Rs. 4,92,16,673.00/- (Rs. Four Crore Ninety Two Lakhs Sixteen Thousand Six Hundred and Seventy Three Only).

Thanking you,

Yours faithfully,

CIVIL Pro Sig..... Date..... BANGALORE

For Civil Pro

R. KARTHIK RECHAN B.E, M.S (U.S.A)
PRINCIPAL CONSULTANT
CIVIL PRO

Attachments PMC Compliance report

16	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density,Complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory
17	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density Complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory
18	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries Complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory
19	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means Complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory
20	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen,Complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory

CIVIL Pro Sig..... Date..... BANGALORE

26	Cement concrete pavement.Construction of un-reinforced plain cement concrete for pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008.mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire charges of machineries,all lead and lift charges etc., Complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory
E1	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory

CIVIL Pro
Sig.....
Date.....
BANGALORE